

## EAST Search History

| Ref # | Hits | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---------------------------------|------------------|---------|---------------------|
| L1    | 1    | "4810018".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/30<br>12:34 |
| L2    | 11   | ("4727647"  <br>"4729713").PN.<br>OR ("4810018").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | ON      | 2009/03/30<br>12:34 |
| L3    | 5    | shozo near3<br>kadota.in. and<br>insert\$3 with<br>component and<br>correct\$3 with<br>lead   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/30<br>12:38 |
| L4    | 0    | kazuaki near3<br>kosaka.in. and<br>insert\$3 with<br>component and<br>correct\$3 with<br>lead not 3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/30<br>12:40 |
| L5    | 0    | minoru near3<br>kitani.in. and insert<br>\$3 with<br>component and<br>correct\$3 with<br>lead not 3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/30<br>12:40 |
| L6    | 1    | ((lead wire pin leg<br>post terminal)<br>with (electronic<br>electrical) near2<br>(part device<br>element<br>component) and<br>(print\$3 wiring<br>circuit) near2<br>(board substrate)<br>and (urg\$4 grip\$4<br>hold\$3 grasp\$4<br>press\$4 push\$3)<br>with (pressure<br>force magnitude)<br>with (control\$4<br>monitor\$3 measur | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2009/03/30<br>12:42 |

|    |    |  |                                 |    |    |                     |
|----|----|--|---------------------------------|----|----|---------------------|
|    |    | \$3 detect\$3) and<br>(correct\$3<br>straighten\$4)<br>near4 (lead wire<br>pin leg post<br>terminal)).clm.   |                                 |    |    |                     |
| L7 | 27 | ("4165557"  <br>"4212075"  <br>"4286379"  <br>"4292727"  <br>"4309808"  <br>"4356619"  <br>"4464829"  <br>"4557043"  <br>"4574462"  <br>"4590660"  <br>"4622740"  <br>"4627157"  <br>"4745679"  <br>"4749141").PN.<br>OR ("5165165").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2009/03/30<br>12:43 |
| L8 | 4  | ((lead wire pin leg<br>post terminal)<br>with (electronic<br>electrical) near2<br>(part device<br>element<br>component) and<br>(print\$3 wiring<br>circuit) near2<br>(board substrate)<br>and (urg\$4 grip\$4<br>hold\$3 grasp\$4<br>press\$4 push\$3)<br>with (control\$4<br>monitor\$3 measur<br>\$3 detect\$3) and<br>(correct\$3<br>straighten\$4)<br>near4 (lead wire<br>pin leg post<br>terminal)).clm.<br>not 6 | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/03/30<br>12:46 |

|     |    |   |                           |    |    |                  |
|-----|----|---|---------------------------|----|----|------------------|
| S70 | 3  | (lead wire pin leg) with (electronic electrical) near2 (part device element component) and (print\$3 wiring circuit) near2 (board substrate) and (urg\$4 grip\$4 hold\$3 grasp\$4 press\$4 push\$3) with (pressure force magnitude) with (control\$4 monitor\$3 measur \$3 detect\$3) and (electronic electrical) near2 (part device element component) with (deformation deform\$3 rigid\$3 hardness) and (correct\$3 straighten\$4) near4 (lead wire pin leg) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/03/26 17:23 |
| S71 | 6  | ("4907628"   "4957146").PN. OR ("5078186"). URP.N.  | US-PGPUB; USPAT; USOCR    | OR | ON | 2009/03/26 17:25 |
| S72 | 8  | ("3769823"   "3796201").PN. OR ("4907628"). URP.N.  | US-PGPUB; USPAT; USOCR    | OR | ON | 2009/03/26 17:26 |
| S73 | 12 | ("4064917"   "4103718"   "4590660"   "4644633"   "4868978"   "4907628"   "4941248"   "5105857").PN. OR ("5222528"). URP.N.  | US-PGPUB; USPAT; USOCR    | OR | ON | 2009/03/26 17:31 |

|     |   |   |                              |    |    |                     |
|-----|---|---|------------------------------|----|----|---------------------|
| S74 | 4 | ("4907628"  <br>"5078186"  <br>"5477894").PN.<br>OR ("5806571").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/26<br>17:32 |
|-----|---|---|------------------------------|----|----|---------------------|

**3/ 30/ 09 12:48:11 PM**

**C:\ Documents and Settings\ dnguyen21\ My Documents\ EAST\ Workspaces  
\ 10521754 EC insertg lead wire.wsp**